

|   |  |
|---|--|
| When Will This Trunk Forecast be Provided?  | <p>On a semiannual basis, CLECs will be requested to provide Verizon with at least a two year detailed forecast of its traffic and volume requirements for all CLEC Interconnection Trunking. This should include requirements for both new growth and change in volumes.</p> <p><b>This forecast must be provided on February 1<sup>st</sup> and August 1<sup>st</sup> each year.</b></p> <p>To facilitate the forecast, Verizon's TIS Account Team will send out a letter with a 3.5Mb diskette (with an attached VZ Excel forecast spreadsheet) to each CLEC</p>  |
| How will feedback be provided on the process?   | <p>Verizon will review the forecast and provide feedback to individual CLECs as appropriate.</p> <p>A CLEC or Verizon can also request a meeting to discuss the forecast process.</p>  |
| Degree of Confidence  | <p>The CLEC should strive to provide Verizon with a high degree of accuracy. The remarks section of the forecast template should be used to identify high priority requirements and indicate special considerations. Verizon may use the remarks as a guide for discussions at joint meetings.</p>   |
| Distribution of the Official Forecast   | <p>Forecasts will only be made available to those parties within Verizon with a need to know and will be in compliance with the appropriate Interconnection Agreements. For example, Verizon- Telecom Industry Services, Verizon - Network Forecasting and Network Provisioning groups.</p> <p>Individual CLEC forecasts will not be shared with other CLECs or Verizon Retail.</p>  |
| How should each party provide feedback to the other of a spike in demand/project that is Unforecasted for the current year? | <p>Each party will notify the other when they project a significant short term spike in demand which has the potential to impact infrastructure and/or workforce balance.</p> <p>This notification will be done via letter to the other party (ex. CLEC obtains a new ISP) via the respective account managers. A copy may be sent to the appropriate provisioning group in Verizon.</p> <p>For example, significant changes can include :</p> <ul style="list-style-type: none"> <li>• A new CLEC POI</li> <li>• Advancing or delaying significant trunk requirements from one year to another</li> <li>• Unforecasted trunking requirements</li> <li>• New Switch</li> </ul> |
| Joint Network Planning Reviews  | <p>May be called by either party as required. These meetings will include engineering representatives from each party. May include discussions on changes in POI, additional transport requirements, additional trunking requirements, significant advances or delays in requirements from one year to another.</p>  |

# CLEC Interconnection Trunking Forecast Guide

## Forecast Template Field Definitions

### Header Section

#### 1. CLEC Name:

DEFINITION: This field identifies the Telecommunications Carrier issuing the trunk forecast.

EXAMPLE: ABC Telecom

#### 2. Forecast Issue Date:

DEFINITION: This field identifies the date the trunk forecast is issued by the Telecommunications Carrier.

EXAMPLE: 2/1/98

#### 3. Issued By:

DEFINITION: This field identifies the name and the title of the person issuing the Forecast for the CLEC.

USAGE: This information will be used by Verizon to contact the CLEC if additional information concerning the forecast is required.

EXAMPLE: Jane Doe, Network Manager

#### 4. Reach Number:

DEFINITION: This field identifies the Telephone Reach Number of the CLEC employee who originated this trunk forecast. The field should contain a three-digit area code, three-digit exchange, and a four-digit line number.

USAGE: This information will be used by Verizon to contact the CLEC if additional information concerning the forecast is required.

EXAMPLE: 1-800-555-1212

#### 5. LATA:

DEFINITION: This field indicates the LATA which the trunk group(s) forecast will serve. A separate forecast template should be prepared for each LATA for which the CLEC is providing trunk forecasts.

USAGE: This information will be used to distribute the forecasts to appropriate personnel within Verizon.

EXAMPLE: 132

## Trunk Group Specific Section

### 6. ACTL (Access Customer Terminal Location / POI (Point of Interface):

DEFINITION: This field identifies the CLLI Code of the Terminal Location / POI of the CLEC providing the IntraLata Service. If the CLEC does not have a CLLI Code for a particular ACTL / POI, the CLEC should contact their Verizon account manager to obtain a code prior to the submission of the trunk forecast.

USAGE: This field identifies the physical drop-off point of traffic to the CLEC.

EXAMPLE: GRCYNYAANMD

### 7. TSC (Two Six Code) / NEW:

DEFINITION: This field identifies the unique number assigned to the Trunk Group by Verizon. **For new trunk groups, indicate "New" in the field.**

USAGE: This field assures that Verizon and the CLEC are referencing the appropriate trunk group.

EXAMPLE: AQ123456

### 8. Verizon CLLI:

DEFINITION: This field is the eleven (11) character CLLI (Common Language Location Identification) Code of the Verizon switch.

USAGE: The CLLI identifies the Verizon switch in unique terms.

EXAMPLE: GRCYNYCG02T

### 9A. TO (Traffic Origination)

DEFINITION: This field is used to identify the direction of traffic for each trunk group between Verizon and the CLEC.

USAGE: The following codes should be used. **VZ**= Traffic originates with Verizon, **CL**= Traffic originates with CLEC, **2W** = Two Way Traffic

EXAMPLE: VZ, CL, 2W

**9. DS (Direction and Type of Signaling)**

DEFINITION: This field is a two character code which identifies the direction of traffic movement for trunk groups and the type of pulsing signals between the Verizon and CLEC location. Refer to Bellcore standard BR756-350-522 Issue3, Section 2, January 1989 for a complete list of definitions. The following table represents the most common selections:

| DS | Description                             |
|----|---|
| MM | Two way MF pulsing                      |
| -M | MF pulsing from CLEC to Bell Atlantic   |
| M- | MF pulsing from Bell Atlantic to CLEC   |
| 77 | Two way SS#7 pulsing                    |
| -7 | SS#7 pulsing from CLEC to Bell Atlantic |
| 7- | SS#7 pulsing from Bell Atlantic to CLEC |

USAGE: This field is required to help identify the components necessary to build the trunk group.

EXAMPLE: MM

**10. CLEC SWITCH CLLI:**

DEFINITION: This field is the eleven (11) character CLLI code of the CLEC Switch.

USAGE: The CLLI identifies the CLEC switch in unique terms.

EXAMPLE: GRCYNYAADS0

**11. INTERFACE TYPE (Point of Interconnection)**

DEFINITION: This element describes the Interface Group desired for this traffic. These Groups relate to the CLEC POI Interface Groups for Switched Access Service.

| DS1 | DS1 Level High Speed Digital (1.544 MBPS)  |
|-----|--|
| DS3 | DS3 Level High Speed Digital (44.736 MBPS) |

USAGE: This field is required on all documents.

EXAMPLE: DS1

**12. 56 KB or 64 Clear Channel:**

DEFINITION: This field defines the requirement for either 56KB or 64 clear channel on this trunk group.

USAGE: This field is required to help identify the components necessary to build the trunk group.

EXAMPLE: 56 or 64

## Current Year Trunk Requirements

### 13. Trunks In-Service As Of Forecast Issue Date:

DEFINITION: This field identifies the number of **DS0** trunks In Service for this trunk group as of the date of the forecast.

USAGE: This information gives Verizon evaluates the starting point for this forecast.

EXAMPLE: 192

### 14. 1Q FCST, 2Q FCST, 3Q FCST, 4Q FCST:

DEFINITION: These fields indicate the cumulative trunk quantity forecasted for each quarter of the current year. Quantities indicate end of quarter requirements. As quarterly updates are provided, fields for past quarters should be used to indicate actual in-service amounts.

USAGE: This information will identify any changes in requirements for the current year.

EXAMPLE: 192 Trunks (Only the number of DS0 trunks required)

## Trunk Forecast Requirements - Current Year + 1

### 15. 1Q, 2Q, 3Q, 4Q:

DEFINITION: These fields indicate the cumulative trunk quantities forecasted to be required for the First Future Year (Current Year +1) by quarter for that year. Quantities indicate end of quarter requirements.

USAGE: This information provides an indication of timing as well as volumes for the forecast year.

EXAMPLE: 216 Trunks (Only the number of DS0 trunks required)

### 16. Trunk Forecast Requirements - Current Year + 2 :

DEFINITION: This field indicates the cumulative trunk quantities forecasted to be required for the second future Year (Current Year +2) as of the end of the year.

USAGE: This information provides volumes for the forecast year.

EXAMPLE: 216 Trunks (Only the number of DS0 trunks required)

## Other

### 17. REMARKS:

DEFINITION: This field is used to expand upon/clarify-forecast data for each trunk group. It should be used to identify the sizing and timing of major projects, major shifts in demand, new switches etc.

USAGE: This field should be used to identify high priority requirements and other forecast items to be included in correspondence and discussions with Verizon.

EXAMPLE: Will be establishing new POI in late in year 2000.

# **APPENDIX I**

## **PART 2**

|             |   |                      |   |
|-------------|---|----------------------|---|
| CLEC Name : | 1 | Forecast Issue Date: | 2 |
| Issued By:  | 3 | Reach Number:        | 4 |

LATA: 5

[illegible]



**TRUNK FORECAST REQUIREMENTS**  
**Current YEAR + 1**

[illegible]

|             |   |                      |   |
|-------------|---|----------------------|---|
| CLEC Name : | 1 | Forecast Issue Date: | 2 |
| Issued By:  | 3 | Reach Number:        | 4 |

LATA: 5

## TRUNK FORECAST REQUIREMENTS

[illegible]

LATA: 5

[illegible]





|             |                        |                      |              |
|-------------|------------------------|----------------------|--------------|
| CLEC Name : | ABC Telecom            | Forecast Issue Date: | 2/1/1998     |
| Issued By:  | J. Doe Network<br>Mgr. | Reach Number:        | 914-555-1212 |

|       |     |
|-------|-----|
| LATA: | 132 |
|-------|-----|

[illegible]

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Not all products are available in all jurisdictions.

## TRUNK FORECAST REQUIREMENTS

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|       |     |
|-------|-----|
| LATA: | 132 |
|-------|-----|

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# APPENDIX J



## **Telecom Industry Services**

# **Collocation Forecast Guide**

**September 2000**

## Introduction

|              |   |
|--------------|---|
| Introduction | <p>The purpose of this CLEC Collocation Forecast Guide and attached exhibits is to provide guidelines for the formats and language to be used in exchanges of collocation forecast information between CLECs and Verizon. <b>These guidelines in no way supersede any established or future Interconnection Agreements between Verizon and individual CLECs. These guidelines in no way supercede any regulatory orders or tariff provisions related to collocation.</b></p> <p>The development of the CLEC Collocation Forecast process is a collaborative initiative between CLECs and Verizon. It is being developed in an effort to improve the network planning process for CLECs and Verizon. In addition to network planning, another goal of the process is to improve the quality and timeliness of industry information regarding space availability in particular Verizon Central Office locations.</p> <p>The design of the Guide is based on the successful New York CLEC Interconnection Trunk Forecast Guide. This recommended process may be modified as appropriate.</p> |
|--------------|---|

## CLEC Collocation Forecast Process

|   |  |
|---|--|
| Why are forecasts required?                                 | <p>To ensure adequate infrastructure planning to meet customer service requirements within standard intervals.</p> <p>CLECs and Verizon analyze forecast information in order to:</p> <ul style="list-style-type: none"> <li>• Design optimum network infrastructure.</li> <li>• Prioritize and allocate limited capital funds for future projects.</li> <li>• Allocate expense budgets and human resources.</li> </ul>  |
| Impact of unforecasted demand                               | <p>Unforecasted collocation demand causes:</p> <ul style="list-style-type: none"> <li>• Delays in cage construction.</li> <li>• Delays in meeting power requirements.</li> <li>• Delays in conditioning space in Central Offices.</li> <li>• Reallocation of capital funding for buildings work.</li> <li>• Excessive expense for unplanned construction.</li> <li>• Reprioritizing, rescheduling, or cancellation of planned projects.</li> <li>• Reallocation of human resources.</li> </ul>   |
| When will this collocation forecast be provided to Verizon? | <p>On a semi-annual basis, CLECs will be requested to provide Verizon with a two year detailed forecast of its physical and virtual collocation requirements. This should include requirements for new growth, changes from previously provided forecasts and deletions from previously provided forecasts.</p> <p><b>This forecast must be provided no later than February 1<sup>st</sup> and August 1<sup>st</sup> of each year in accordance with the Verizon Telecom Industry Services semi-annual forecast cycle. To the extent that a CLEC has significant modifications to a previously provided forecast, or is a new entrant, out-of-cycle forecasts will always be accepted by Verizon and will be used for planning purposes.</b></p> <p>To facilitate CLEC collocation forecasts, Verizon's TIS Account Team will send CLECs a forecast request letter along with a floppy diskette which will contain a collocation template.</p> |
| How information will  | CLECs may request meetings with Verizon to discuss the collocation process.  |

|  |  |
|--|--|
| be provided?   | Information on available space in Verizon Central Offices will be provided via the TIS web site.   |
| Are there special requirements for virtual collocation?  | It is important to identify the type of virtual collocation equipment that will be deployed. This will enable Verizon to plan for any provisioning or training requirements for non-standard equipment. See template instruction #17 and the attached exhibits.  |
| Degree of confidence   | The CLEC should strive to provide Verizon with a high degree of accuracy in the timing, location and sizing of collocation projects. Special attention should be paid to the information provided for Year 1, in accordance with a forecasting carrier's current business plan.  |
| Distribution of the official forecast  | Forecasts will only be made available to those parties within Verizon with a need to know. For example, Verizon-Telecom Industry Services, Verizon-Network Forecasting and Verizon-Network Provisioning groups will be receiving this forecast information.<br><br>Individual CLEC forecasts will not be shared with other CLECs or Verizon Retail Marketing organizations.  |
| How should each party provide information to the other regarding an out-of-cycle change in demand that is not forecasted in the current Feb 1 <sup>st</sup> or Aug 1 <sup>st</sup> view? | During the time period between forecast cycles, each party will notify the other when they project a significant change in demand that has the potential to impact infrastructure and/or workforce balance. Special attention should be paid to changes in a Year 1 forecast.<br><br>Notification from CLECs, via E-mail and hard copy, should be directed to the respective Verizon Account Manager and Verizon Collocation Project Manager<br><br>Examples of changes can include : <ul style="list-style-type: none"> <li>• A new CLEC requirement for physical or virtual collocation.</li> <li>• A change in "Application" or "In Service" month or year</li> <li>• A deletion of previously forecasted demand.</li> <li>• A change in the status of a Verizon Central Office.</li> </ul> |
| What should a CLEC do if there is no change in a forecast provided six months earlier?   | The CLEC should always send their most recent forecast to Verizon. If there are no changes, the CLEC should simply re-send the document and provide an affirmative statement that there are no changes to the previously provided forecast. The affirmative statement will eliminate confusion and save time for all parties.  |
| Joint network planning reviews   | May be called by either party as required. These meetings will include network operations and/or project management representatives from each party. These reviews may be scheduled to discuss the significant forecast changes cited above.   |

## CLEC Interconnection Collocation Forecast Guide

### Forecast Template Field Definitions

**Header Section** (See Exhibits for examples)

**1. Company Name:**

DEFINITION: This field identifies the Competitive Local Exchange Carrier (CLEC) issuing the collocation forecast.

USAGE: Used by Verizon to identify individual carrier forecasts.

EXAMPLE: ABC Telecom

**2. Company Contact Person:**

DEFINITION: This field identifies the individual at the CLEC responsible to submit the forecast and act as a contact person for Verizon.

USAGE: This information will be used by Verizon to contact the CLEC if additional information concerning the forecast needs to be communicated.

EXAMPLE: Jane Doe

**3. Company Contact Person Telephone Number:**

DEFINITION: This field identifies the telephone number of the contact person.

USAGE: This information will be used by Verizon to contact the CLEC if additional information concerning the forecast needs to be communicated.

EXAMPLE: 212-555-1234

**4. Verizon Account Manager:**

DEFINITION: This field is used to identify the name of the Verizon Account Manager assigned to the CLEC providing the forecast.

USAGE: This information will be used by the CLEC and by Verizon to insure that the forecast is forwarded to the appropriate individual in Verizon.

EXAMPLE: Tom Dreyer

**5. Date of This Forecast**

DEFINITION: This field is used to identify the date on which the current forecast is being submitted.

USAGE: This information will be used by Verizon to distinguish the current view from previously provided forecast information.

EXAMPLE: August 1, 1999

**6. Date of Previous Forecast**

DEFINITION: This field is used to identify the most recent CLEC provided forecast date.

USAGE: This information will be used by Verizon to identify Adds, Changes and Deletions to previously forecasted information.

EXAMPLE: August 1, 1998

**Collocation Specific Section**

**7. Request Number:**

DEFINITION: This field is used to numerically identify each individual request that appears on the forecast template.

USAGE: This information will be used by Verizon to identify and refer to individual forecast requests.

EXAMPLE: 1, 2, 3 etc.

**8. State:**

DEFINITION: This field identifies the state for which the forecast is being made.

USAGE: This information will be used by Verizon to sort and to aggregate demand forecast data by state.

EXAMPLE: NY

**9. LATA:**

DEFINITION: This field identifies the LATA for which the forecast is being made.

USAGE: This information will be used by Verizon to sort and to aggregate demand forecast data by LATA.

EXAMPLE: 132

**10. City/County**

DEFINITION: This field identifies the city or county for which the forecast is being made.

USAGE: This information will be used by Verizon to sort and to aggregate demand forecast data by city and/or county.

EXAMPLE: Manhattan

**11. Central Office CLLI Code**

DEFINITION: This field identifies the eight- (8) character CLLI (Common Language Location Identifier) code of the specific central office for which the forecast is being made.

USAGE: This information will be used by Verizon to sort and to aggregate demand forecast data by Verizon central office.

EXAMPLE: NYCMNY42

**12. Quantity:**

DEFINITION: This field identifies the quantity of offices the CLEC expects to apply for in a specific state, LATA, city or county when the CLEC has not yet determined the specific central offices where they will apply for collocation. If a specific CLLI code is supplied, this field will always be one (1).

USAGE: This information will be used by Verizon to aggregate demand by state, LATA, city/county when the CLEC is unsure of the exact offices that will be applied for.

EXAMPLE: 5

**13. Application Month:**

DEFINITION: This field identifies the month in which the CLEC plans to submit the application for collocation. The year that the application will be submitted is the forecast year shown at the top of the template, for example "1998". A separate template is required for each forecast year

USAGE: This information will be used by Verizon to sort and aggregate forecast demand data by application month.

EXAMPLE: August 1999

**14. Requested In-Service Month**

DEFINITION: This field identifies the month in which service is required. Requested In-service month is based upon the appropriate provisioning intervals and/or tariff provisions in specific jurisdictions and is dependent on what type of collocation is being requested.

USAGE: This information will be used by Verizon to sort and aggregate demand forecast data by requested In-Service month. Note: "In Service" month refers to the point in time when the collocation project is completed, turned over to the CLEC and capable of being occupied. For Year 2 an attempt should be made to provide as much detailed information as possible. General information will be accepted for planning purposes.

EXAMPLE: January 1999

**15. Type of Collocation (Physical or Virtual)**

DEFINITION: This field identifies the type of collocation the CLEC plans to apply for.

USAGE: This information will be used by Verizon plan collocation space.

EXAMPLE: Physical

**16. New Arrangement or Augment to Existing**

DEFINITION: This field identifies whether the CLEC will be requesting a new collocation arrangement or is planning to augment an existing arrangement. Augments include expansions of existing cages, additional power requirements or additional cabling (DS1, DS3's, SVGAL etc.)

USAGE: This information will be used by Verizon to account for collocation requirements in planning collocation space, power plant growth, etc.

EXAMPLE: Power Augment

**17. Floor Space in Sq. Ft. (Physical only)**

DEFINITION: This field identifies the amount of square footage that will be requested for new physical collocation requests or expansion requests to existing arrangements.  
This field is not applicable when requesting virtual collocation.

USAGE: This information will be used by Verizon to plan collocation space.

EXAMPLE: 100 Sq. Ft.

**18. Type of Equipment (Virtual Only)**

DEFINITION: This field identifies the high level description of the type of equipment the CLEC will request to have installed in the virtual collocation arrangement. This information may also be supplied for physical collocation requests, but is not mandatory.

USAGE: Verizon will use this information for the planning of virtual collocation space requirements

EXAMPLE: OC48, SLC2000



### **19. Forecast Update Code**

DEFINITION: This field categorizes the entry based on previously forecasted information.

USAGE: Verizon will use this information to synchronize new forecast entries with previously provided forecasts and collocation applications.

EXAMPLE:     For an "Add" not previously forecasted enter "A"  
              For a "Change" to a previous forecast enter "C"  
              For a "Delete" to a previous forecast enter "D"